

Emergency Medical Services – Paramedic (EMS-P), A.A.S.

HEGIS: 5299.00

PROGRAM CODE: 35164

PROGRAM DIRECTOR: Prof. Steven O’Brady

DEPARTMENT: ALLIED HEALTH, MENTAL HEALTH AND HUMAN SERVICES

The Emergency Medical Services-Paramedic (EMS-P) AAS degree prepares students with the professional training and hands-on experience for a career as a Paramedic. The degree provides a balance of general education courses and introduces students to the theory and practice of the Emergency Medical Services-Paramedic field through classroom, laboratory, and clinical experiences. The curriculum provides students with the knowledge of roles and responsibilities within the EMS system, addresses medical/legal and ethical issues, the integration of scene and patient assessment findings, application of the principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention, and the formulation of treatment plans intended to mitigate emergencies and improve the overall health of the patient. Students are eligible for licensure exam(s) after the successful completion of the course of study presented in this degree program.

The curriculum presented here applies to students who started the major in Fall 2025 or Spring 2026. If you enrolled as a matriculant prior to that, please see the *College Catalog* for the year you started the major as a matriculant for the curriculum requirements that apply to you.

Consultation with the Program Advisor is required.

Degree Maps:

[Degree Map for Emergency Medical Services - Paramedic \(EMS-P\), A.A.S.](#)

Your Degree Map contains the suggested term-by-term course sequence for your academic path towards graduation.

To ensure successful and timely completion of your degree, it is recommended that you meet with your academic advisor to discuss your unique map.

Please note some courses *may* only be offered once an academic year.

Program Learning Outcomes:

Upon successful completion of the Emergency Medical Services – Paramedic (EMS-P) degree program requirements, graduates will:

1. understand his/her roles and responsibilities as an entry-level paramedic within an EMS system, and how these roles/responsibilities differ from other levels of providers
 2. integrate comprehensive knowledge of EMS systems, safety/well-being of the paramedic and medical/legal and ethical issues, which is intended to improve the health of EMS personnel, patients, and the community
 3. integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression and treatment/disposition plan for a patient with special needs and patients of all ages
 4. apply fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention.
 5. integrate comprehensive knowledge of pharmacology to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient.
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College Requirements:

English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or successful completion of any required developmental course(s).

Civic Engagement Experiences:

One (1) Civic Engagement experience satisfied by Civic Engagement Certified or Civic Engagement Component course or approved outside activity.

Writing Intensive Requirement:

One (1) Writing Intensive Course in any discipline is required.

Required Core (4 Courses, 12 Credits):

When Required Core Courses are specified for a category, they are required for the major

- ENG 1200 - Composition I 3 Credit(s)
 - ENG 2400 - Composition II 3 Credit(s)
 - **Mathematical & Quantitative Reasoning Course***
 - **Life & Physical Sciences Course 3 Credit(s)**
 - BIO 1100 - Human Anatomy and Physiology I 4 Credit(s)
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Flexible Core (2 Courses, 7 Credits):

The following **two (2)** courses are required in the major and also satisfy CUNY Flexible and Required Core, Scientific World (Group E) requirement:

E. Scientific World Designated Course*

- BIO 1200 - Human Anatomy and Physiology II 4 Credit(s)
- PSY 1100 - General Psychology 3 Credit(s)

Major Requirements (10 Courses, 40 Credits):

- EMS 100 - Emergency Medical Technician - Basic 5 Credit(s)
 - EMS 101 - EMT - Basic Clinical I 1 Credit(s)
 - EMS 210 - Paramedic I 7 Credit(s)
 - EMS 211 - Paramedic Clinical I 2 Credit(s)
 - EMS 220 - Paramedic II 5 Credit(s)
 - EMS 221 - Paramedic Clinical II 3 Credit(s)
 - EMS 230 - Paramedic III 7 Credit(s)
 - EMS 231 - Paramedic Clinical III 2 Credit(s)
 - EMS 240 - Paramedic IV 5 Credit(s)
 - EMS 241 - Paramedic Clinical IV 3 Credit(s)
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Electives:

0 credits sufficient to meet required total of 60 credits

Notes:

* This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

The *Emergency Medical Services Paramedic (EMS-P), A.A.S.*, has initial accreditation with New York State Department of Health Bureau of Emergency Medical Services, NYS Department of Health, 875 Central Avenue, Albany, NY 12206 or phone (518) 402-0996. The Kingsborough Community College Paramedic Program has initial accreditation by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) upon the recommendation of the Committee on Accreditation of Education Programs for the Emergency Medical Services Profession (CoA EMSP). Graduates of the Kingsborough Community College Paramedic Program are eligible to take the paramedic examination at the New York State, New York City, and national level. The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is located at 25400 U.S. Highway 19 N, Suite 158, Clearwater, FL 33763 or phone (727) 210-2350, www.caahep.org.

Total Credits: 60

THE A.A.S. IN EMERGENCY MEDICAL SERVICES HAS A LIMITED NUMBER OF SEATS AVAILABLE FOR ADMISSION.

ALL FIRST-TIME FRESHMAN AND TRANSFER STUDENTS ARE ENROLLED AS LIBERAL ARTS (A.A.) STUDENTS. ONCE STUDENTS SATISFACTORILY COMPLETE A SEQUENCE OF COURSES THEY WILL BE CONSIDERED INTO THE EMS MAJOR.

The Paramedic Program provides the professional skills and knowledge for a health care career as an entry-level Paramedic. The Paramedic is the highest level of the health care provider outside of the hospital setting. The program introduces the theory and practice of Emergency Medical Services and the role of the Paramedic in the area of prehospital care via the classroom, laboratory and actual clinical settings such as hospitals and ambulances. After successful completion of the program, students will be eligible to sit for the Paramedic-level examination in New York City, New York State and the National Registry.

Admission Requirements

To be considered for the Paramedic Program, students must be English and Math proficient as determined by the CUNY Proficiency Index, unless otherwise exempt, or have successfully completed any required developmental or corequisite model course(s).

Students must complete BIO 1100, ENG 1200, EMS 100, and EMS 101 with a minimum grade of "C" as well as two of the following courses: BIO 1200, ENG 2400, PSY 1100, or any 3-credit Math and Quantitative Reasoning course with a minimum grade of "C" prior to placement in the first paramedic-level course (EMS 210).

Students must also have a minimum of 200 patient contact hours as an Emergency Medical Technician (EMT) prior to registration in EMS 210.

Students must meet with the Program Director.

Retention Criteria

Criteria for retention in the Paramedic Program mandates that students:

1. Earn a minimum of a "C" grade in the following general education courses: ENG 2400, BIO 1200, PSY 1100, and any 3-credit Math and Quantitative Reasoning course. Students who earn less than a grade of "C" may repeat the course ONE TIME and must earn at least a grade of "C" in the repeated course. Students may not repeat more than two general education courses.
2. Earn a minimum grade of "C" in all EMS courses.

3. Earning less than a "C" grade in an EMS course may repeat the course ONE TIME (subject to space and availability). The minimum grade for EMS courses that are repeated is a "C."
4. Who earn a second grade of less than a "C" in any EMS course will be dismissed from the Paramedic Program.

Any student who has not attended EMS courses for two or more consecutive semesters cannot be readmitted into the Paramedic Program unless qualifying examinations have been passed in sequential order of the courses previously completed. These qualifying examinations can be repeated only once. In addition, the student must demonstrate clinical competency by passing a clinical practical examination prior to returning to any of the clinical courses.

In order to receive an A.A.S. in Emergency Medical Services- Paramedic, a student must complete the final 24 credits toward that degree while enrolled at Kingsborough.

Certification Requirements

According to New York State Department of Health Bureau of Emergency Medical Services (NYS DOH BEMS) policy, the requirements for all EMTs/Paramedics are:

- Complete the Application for Emergency Medical Services Certification (DOH-65), including affirmation regarding criminal convictions
- Successfully complete an approved New York State EMT-B or AEMT course
- Achieve a passing score on the practical and written certification examinations
- Must be at least 18 years of age by the end of the month in which they are scheduled to take the written certification examination
- Knowledge and skills required show need for high school or equivalent education
- Ability to communicate effectively via telephone and radio equipment
- Ability to lift, carry and balance up to 125 pounds (250 pounds with assistance)
- Ability to interpret oral, written and diagnostic form instructions
- Ability to use good judgment and remain calm in high stress situations
- Ability to be unaffected by loud noises and flashing lights
- Ability to function efficiently without interruption throughout an entire work shift
- Ability to calculate weight and volume ratios
- Ability to read English language, manuals and road maps

- Ability to accurately discern street signs and addresses
- Ability to interview patients, patient family members and bystanders
- Ability to document, in writing, all relevant information in prescribed format in light of legal ramifications of such
- Ability to converse, in English, with coworkers and hospital staff with regard to the status of the patient
- Possesses good manual dexterity with ability to perform all tasks related to the highest quality patient care
- Ability to bend, stoop and crawl on uneven terrain
- Ability to withstand varied environmental conditions such as extreme heat, cold and moisture
- Ability to work in low light situations and confined spaces
- Ability to work with other providers to make appropriate patient care decisions

For more information regarding this policy, you can refer to www.health.ny.gov/professionals/ems/policy/00-10.htm

New York State DOH BEMS Policy on Criminal Conviction:

In accordance with the provisions of the State Emergency Medical Services (EMS) Code - 10 NYCRR Part 800, applicants for EMS certification or recertification must not have been convicted of certain misdemeanors or felonies. The Department will review all criminal convictions from any federal, military, state and/or local jurisdiction to determine if such convictions fall within the scope of those specified in Part 800, or to determine if the applicant for certification represents a potential risk or danger to patients or the public at large.

The regulation does not prevent an applicant with a criminal conviction from attending and completing all of the requirements of an EMS course. However, it may prevent the applicant from becoming certified in New York State until the Department has conducted a review and investigation of the circumstances of the conviction(s) and made a determination that the applicant does not demonstrate a risk or danger to patients. For more information about this NYS DOH BEMS policy, refer to www.health.ny.gov/professionals/ems/policy/09-05.htm

Paramedic Clinical Courses

Following the successful completion of the EMT component of the program, students will enroll in paramedic-level clinical courses and will participate in actual patient care on ambulances and in various departments at different hospitals.

Malpractice Insurance – Health Clearance - CPR Certification – Criminal Background Check

Prior to the registration for the practicum, students in the Paramedic Program are required to obtain a criminal background check. In addition, students must obtain health clearance from the Kingsborough Community College Office of Health Services. A-108. Students can obtain information regarding annual physical examination, immunizations, and tuberculosis testing from the Office of Health Services.

Prior to registration in their first practicum, students must also obtain CPR certification and provide documentation of malpractice insurance valid for the entire semester to the Paramedic Program Office, located in T2-280. Information on obtaining CPR certification and malpractice insurance is available in the Paramedic Program Office.

Students are required to purchase uniforms as per the policy and procedures of the Paramedic Program. They may opt to purchase individual protective goggles.

This program's academic requirements are demanding, and students are cautioned to plan their work schedules and extracurricular activities with this in mind. In addition to the classroom and laboratory hour requirements, students are required to, at a minimum, participate in one eight-hour clinical rotation at a hospital and two eight-hour rotations on an ambulance per week.

Both the New York State Department of Health Bureau of Emergency Medical Services and the New York State Education Department have approved Kingsborough Community College to offer the Paramedic Program.

Disability Services

It is college policy to provide reasonable accommodations to students with disabilities. Any student with a documented disability who may need accommodations is requested to speak directly to Access-Ability Services, D-205, (718) 368-5175. All discussions will remain confidential.